

# Marilou Dithers

Seeking a Data Architect position

applying my skills in data modeling and mapping, data warehouse and data marts, and business intelligence.

## EXPERIENCE AND RESULTS

---

### Data Engineering Manager 2019–present

RialtoCorp

- + Designed systems to optimize collecting, normalizing, and storing large volumes of raw data, culminating in a company-wide data lake implementation designed to begin applying machine learning to automate analysis of multiple data stores within the organization. This project included new data governance rules which we automated or enforced in code where possible.
- + Created dashboards for IT, business departments, and senior leadership.
- + Built pipelines and integrations using Kafka, Elastic and Domo with a variety of on-prem and cloud systems.

### DevOps Data Manager 2018–2019

Nicoletta's Fine Foods

- + Instrumented logging, metrics, monitoring, and tracing for a North American food importing and distribution company during transition from legacy monolith applications to distributed microservices architecture.
- + Established and led a working team to develop meaningful Service Level Objectives. Worked with large volumes of data in Splunk.
- + Established rules and processes for data sampling and storage; reduced Splunk monthly costs by 8% based on this ongoing initiative.
- + Toolset also included ELK stack, DataDog, and a pilot project with Honeycomb.

### Senior Data Warehouse Specialist 2016–2018

#### Data Warehouse Specialist 2015

Journeyman Emporium

- + Developed and updated a data model and test cases for an advanced business data warehouse. Supported and enhanced functionality and managed bug fix process after launch. System was built on Teradata, and used Informatica to extract data from multiple internal and external sources, referencing data maps I built.
- + I also created training classes and videos to teach business analysts how to query the system using an SQL-based custom front end.

### Business and Data Analyst November 2011–2015

Floraspring Property Worldwide

- + Helped spec and build new data warehouse systems for an international real estate and property management company, tracking and analyzing information about holdings, assets, markets, and early smart-building data. The goal was to create and feed new performance management and optimization tools for country and regional managers.

### Front-end Developer May 2009–October 2011

#### IT Intern May–August 2008

Furniture Central Market, Inc.

- + Wrote front-end scripts and web applications for national manufacturing company expanding into ecommerce.
- + Initially focused on Javascript, and later included Java, PHP, and Python.

## EDUCATION

---

MS, Computer Science, 2011  
Oregon State University

BA, Philosophy and Computational  
Linguistics, 2007  
Sonoma State University

## ANNOTATION LEDGER

Overall, said Pappas, this candidate "might be interesting for a senior manager or data engineering role," but is less obviously a match for the technical requirements for a data architect.

In this market, that can't be an automatic disqualification.

Dithers currently holds a management position. Since Data Architects are more commonly individual contributor roles, Graziano said Dithers should expect to be asked why she wants to make that switch. "When I interviewed for an architect position, I was asked that question myself," he said.

Graziano said throughout this section, Dither should clarify which tasks she performed personally, versus those done by her team.

"What model—3NF, Star, Snowflake, data vault?" Always be specific about data models, Graziano said.

"Some companies get really hung up on their tool stack," said Graziano with a shrug. He and Pappas agreed that most strong candidates can work with more than one toolset.

However, the candidate may need to show which skills remain current, and how they've stayed sharp. Does Dithers have any certifications or hands-on side projects that demonstrate additional current proficiencies?